

# SWCC Overview

## *Current and Future State*

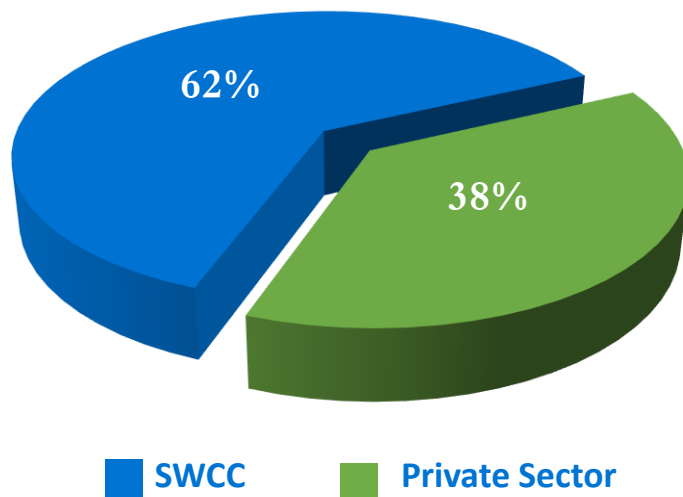
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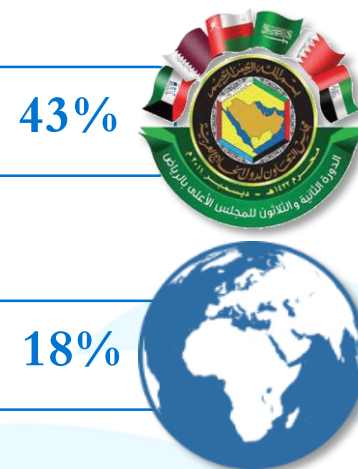
المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation

# Desalinated Water in KSA

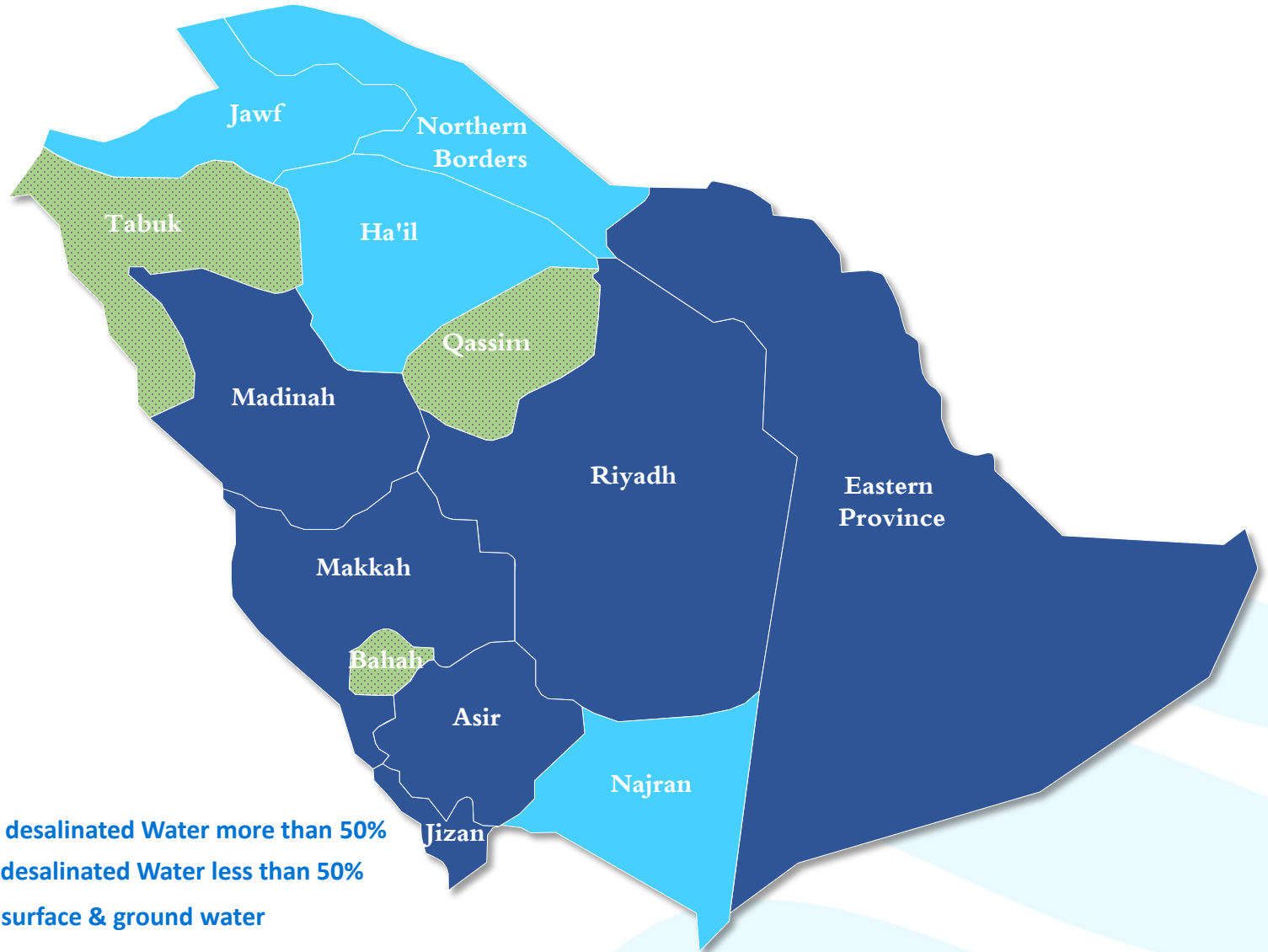
## Desalinated Water Producers



## KSA Share

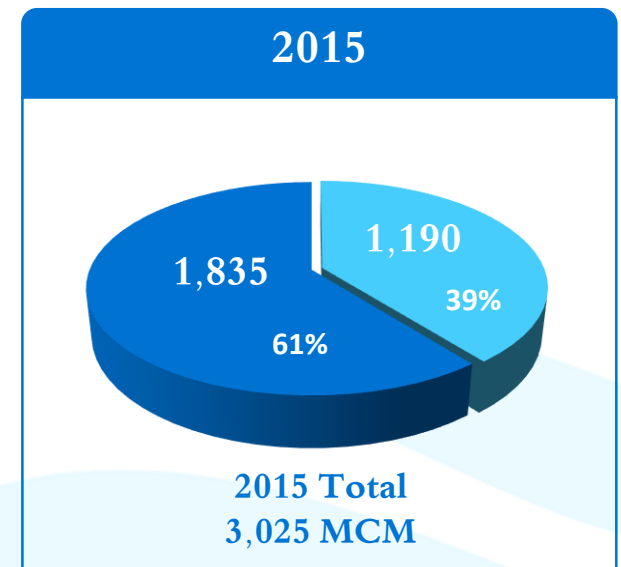
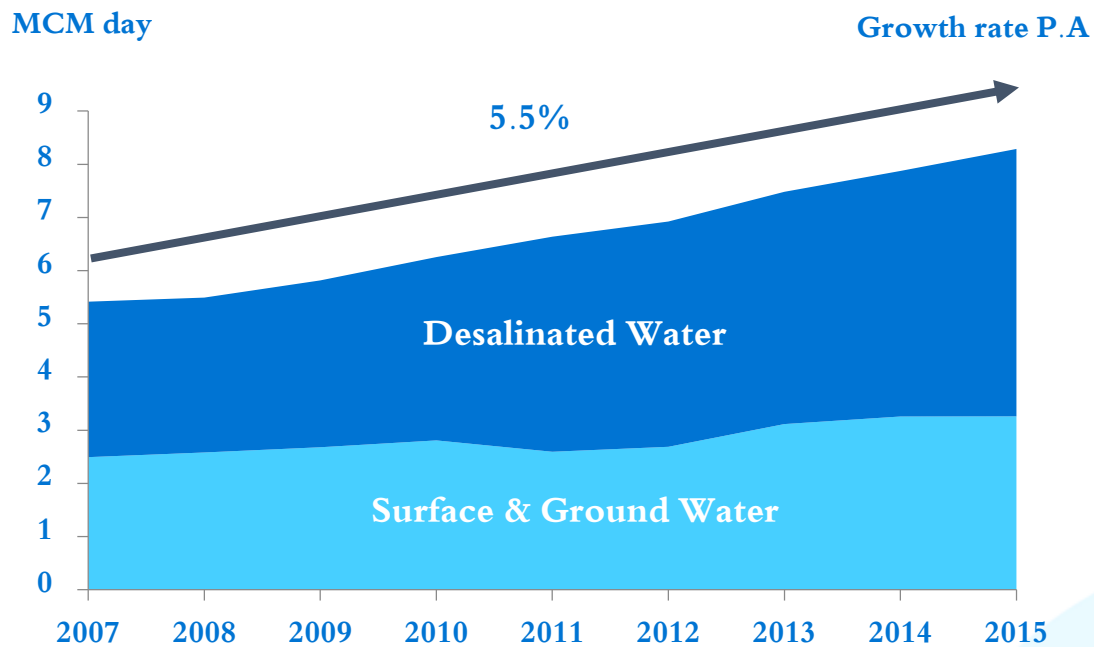


# Regional dependency on desalinated water

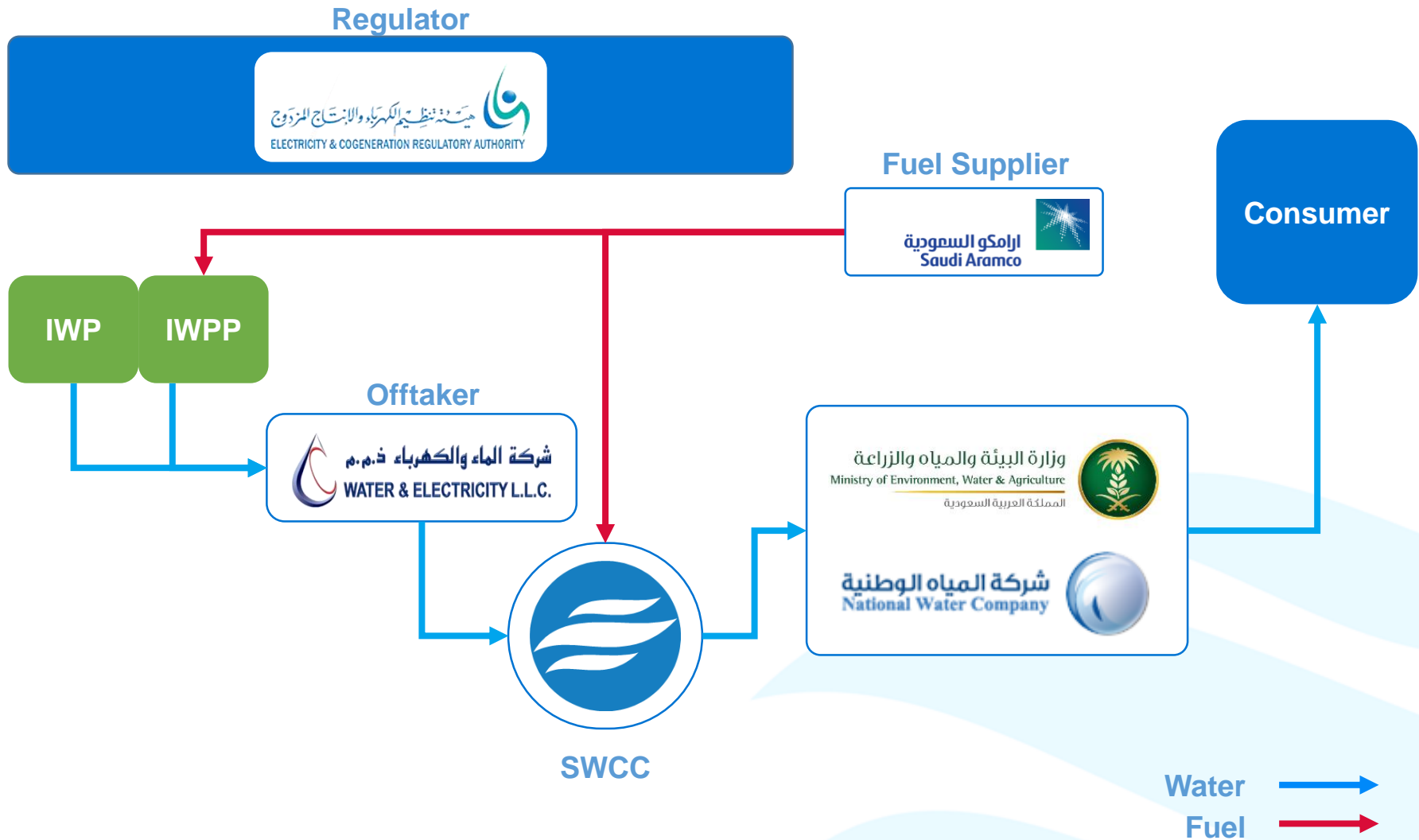


- Regions depends on desalinated Water more than 50%
- Regions depends on desalinated Water less than 50%
- Regions depends on surface & ground water

# Water growth demand



# DESALINATION SECTOR READINESS



# SWCC in Brief

-  Established in 1974 as an independent government organization
-  The World's largest desalination entity (Production & Transmission)
-  Key player as an electricity producer in the Kingdom
-  Main contributor to research activities in the desalination sector
-  Leading desalination training center in MENA

# SWCC Domains



# SWCC Aspirations

**Excel**

**“ Develop into a World-Class  
Desalination Player ”**

**Inspire**

**“ Become a KSA Employer  
of Choice ”**

**Lead**

**“ Grow into a Leading Diversified  
Water Solutions Provider ”**





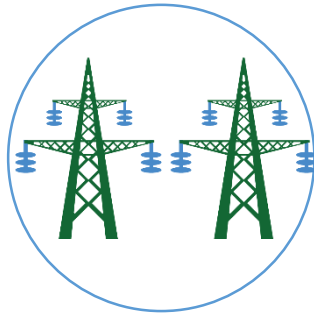
# SWCC in Numbers



## Desalinated Water

**4.6**  
MCM/Day  
Total Installed  
Capacity

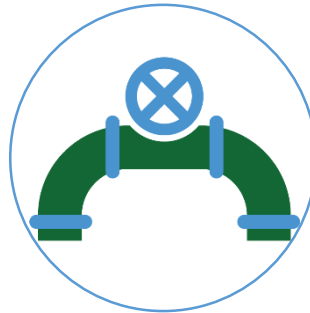
**62%**  
of Desalinated Water  
in the Kingdom



## Power Generation

**7,305**  
MW  
Total Installed  
Capacity

**12%**  
of Production  
Capacity in the  
Kingdom



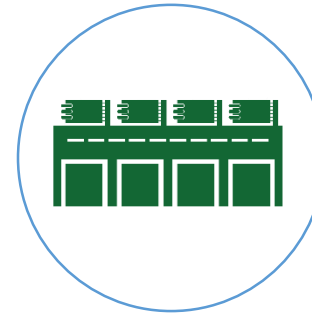
## Water Transmission

**7,175**  
KM  
Total Length

**21**  
Transmission  
Systems

**56**  
Pumping Station

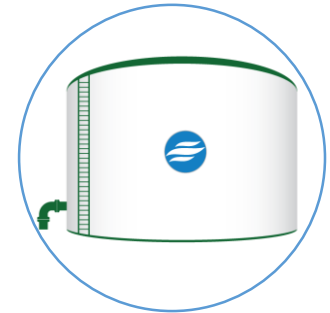
**12**  
Mixing Station



## Plants

**29**  
Plants

**18**  
Different  
Locations

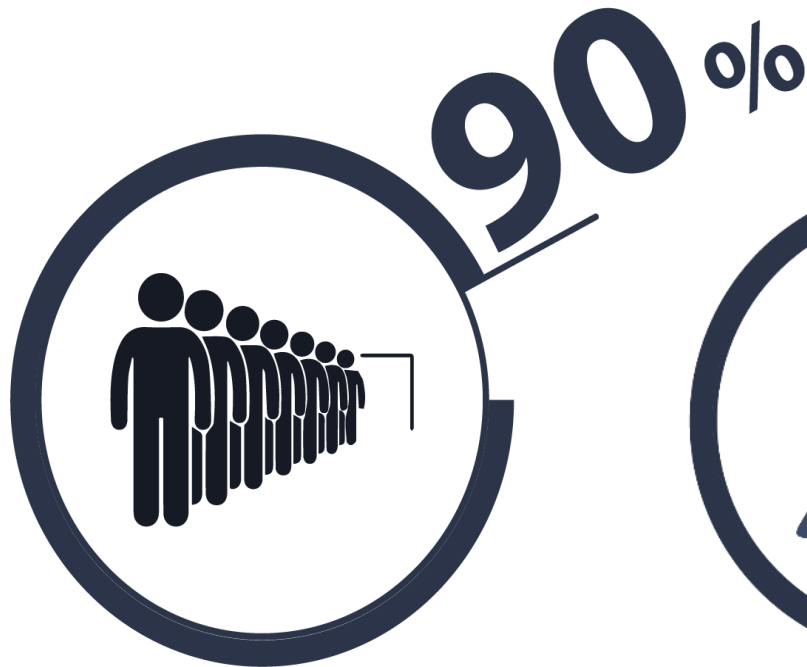


## Storage

**285**  
No. of Storage  
Tanks

With Capacity  
**12.7**  
MCM/Day

# Localization



Human Capital Localization



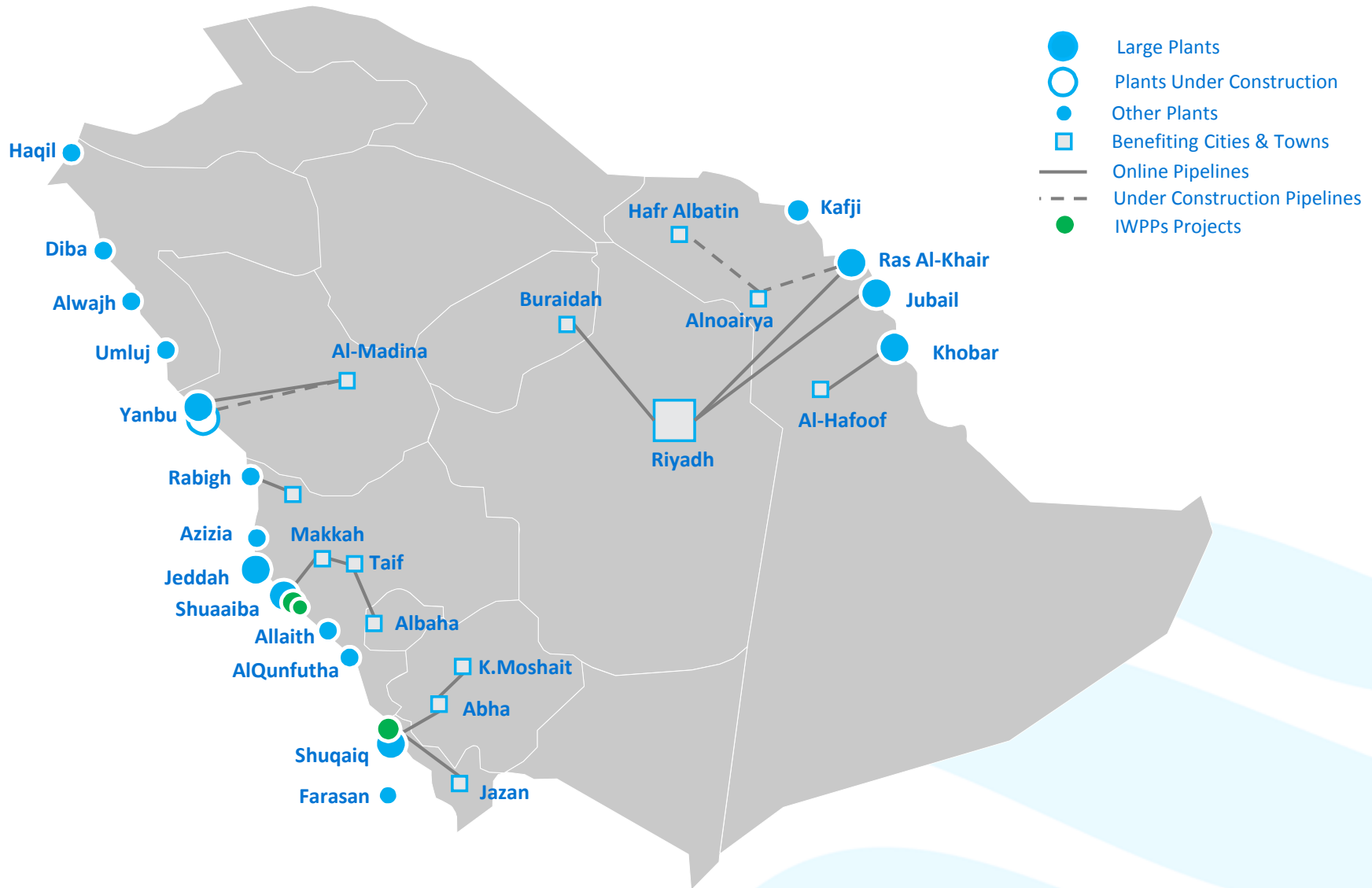
Chemicals



Spare Parts

& **30%** More than from our capital projects

# SWCC Assets and Private Sector Participation



- SWCC is preparing to undergo its privatization program and transfer its assets and activities to the private sector.
- SWCC's future plant projects will be tendered to the private sector.
- Further details on SWCC's privatization program will be presented in tomorrow session, "Investment Opportunities"

# Summary

- ☉ Saudi Arabia has the largest desalination capacity in the world and was one of the first countries to adopt desalination on a commercial scale.
- ☉ Water demand in Saudi Arabia increases annually by more than 5%.
- ☉ SWCC has accumulated huge and unmatched knowledge and experience in the field of desalination as a result of its global position.
- ☉ Water security and desalination are top priorities for the Government of Saudi Arabia.
- ☉ SWCC is looking to establish strategic partnerships and collaborations for development of cost efficient, environmentally friendly, and sustainable desalination technologies through improvements in areas such as energy efficiency, renewable energy, process technologies and others.
- ☉ These technologies will not only serve Saudi Arabia but will also serve the world.



# Thank You



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